

IMAGE ENCODING/DECODING DEVICE

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Abstract

PROBLEM TO BE SOLVED: To reduce distortion even in the case of a low bit rate, to substantially improve the visual quality of decoding images and to improve encoding efficiency.
SOLUTION: A dynamic image encoding device for dividing input image signals 131 into plural areas in an area divider 101, discrete cosine transforming predictive residual signals 134 in a discrete cosine transformer 105 for the respective areas, quantizing an obtained DCT coefficient in a quantizer 106 and outputting it through a variable length encoder 114 is provided with an image property judgement device 107 for judging whether or not it is the edge part of the input image signals 131 for the respective areas divided in the area divider 101, a quantization width controller 108 for controlling a quantization width in the quantizer 106 to be small for the area judged as the edge part and the variable length encoder 113 for encoding quantization width control information 136.

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